



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON SURFACES				
Application Number:	10/639077				
Confirmation Number:	6943				
First Named Applicant:	Joseph Hillman				
Attorney Docket Number:					
Search string:	(5193560 or 5195878 or 5213485 or 5221019 or 5222876 or 5224504 or 5236669 or 5237824 or 5240390 or 5243821 or 5246500 or 5251776 or 5267455 or 5280693 or 5285352 or 5288333 or 5313965 or 5314574 or 5328722 or 5337446 or 5339844 or 5355901 or 5368171 or 5370741 or 5377705 or 5401322 or 5404894 or 5412958 or 5417768 or 5433334 or 5447294 or 5503176 or 5505219 or 5509431 or 5526834 or 5533538 or 5571330 or 5589224 or 5621982 or 5629918 or 5644855 or 5649809 or 5656097 or 5669251 or 5702228 or 5706319 or 5746008 or 5797719 or 5798126 or 5881577).pn.				
US Patent Documents					
Note: Applicant is not required to submit a paper copy of cited US Patent Documents					
init	Cite.No.	Patent No.	Date	Patentee	Kind
✓	1	5193560	1993-03-16	Tanaka et al.	Class
✓	2	5195878	1993-03-23	Sahiavo et al.	Subclass
✓	3	5213485	1993-05-25	Wilden	
✓	4	5221019	1993-06-22	Pechacek	
✓	5	5222876	1993-06-29	Budde	
✓	6	5224504	1993-07-06	Thompson et al.	
✓	7	5236669	1993-08-17	Simmons et al.	
✓	8	5237824	1993-08-24	Pawliszyn	
✓	9	5240390	1993-08-31	Kvinge et al.	
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<input checked="" type="checkbox"/>	49	5798126	1998-08-25	Fijikawa et al.
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Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 2 out of a total of 4 electronic filings.

Signature

Examiner Name	Date
Rg	10-14-05



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Title of Invention	ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON SURFACES									
Application Number:	10/639077 									
Confirmation Number:	6943									
First Named Applicant:	Joseph Hillman									
Attorney Docket Number:										
Search string:	(5882165 or 5888050 or 5898727 or 5900107 or 5904737 or 5928389 or 5932100 or 5934856 or 5934991 or 5979306 or 5980648 or 5981399 or 5989342 or 6005226 or 6017820 or 6029371 or 6035871 or 6037277 or 6053348 or 6056008 or 6067728 or 6077053 or 6077321 or 6082150 or 6085935 or 6097015 or 6128830 or 6145519 or 6159295 or 6164297 or 6186722 or 6203582 or 6216364 or 6228563 or 6235634 or 6239038 or 6241825 or 6251250 or 6244121 or 6277753 or 6286231 or 6305677 or 6334266 or 6344174 or 6388317 or 6389677 or 6418956 or 6436824 or 6454945 or 6464790).pn.									
US Patent Documents										
Note: Applicant is not required to submit a paper copy of cited US Patent Documents										
init	Cite.No.	Patent No.	Date	Patentee	Kind					
1	5882165	1999-03-16	Maydan et al.		Class					
2	5888050	1999-03-30	Fitzgerald et al.		Subclass					
3	5898727	1999-04-27	Fujikawa et al.							
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Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 3 out of a total of 4 electronic filings.

Signature

Examiner Name	Date
<i>Re</i>	<i>10-14-05</i>



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Attorney Docket Number:												
Search string:	(6521466 or 6541278 or 6546946 or 6550484 or 6558475 or 6561213 or 6561220 or 6561481 or 6561767 or 6564826 or 5217043 or 20020001929).pn.											
US Patent Documents												
Note: Applicant is not required to submit a paper copy of cited US Patent Documents												
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass					
M	1	6521466	2002-02-18	Castrucci	B1							
M	2	6541278	2003-04-01	Morita et al.	B1							
M	3	6546946	2003-04-15	Dunmire	B1							
M	4	6550484	2003-04-22	Gopinath et al.	B1							
M	5	6558475	2003-05-06	Jur et al.	B1							
M	6	6561213	2003-05-13	Wang et al.	B1							
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M	8	6561481	2003-05-13	Filonczuk	B1							
M	9	6561767	2003-05-13	Biberger et al.	B1							
M	10	6564826	2003-05-20	Shen	B1							
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Note: Applicant is not required to submit a paper copy of cited US Published Applications

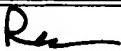
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M	1	20020001929	2002-01-03	Biberger et al.	A1		

Remarks

Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 4 out of a total of 4 electronic filings.

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Examiner Name	Date
	10-14-05



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Search string:	(2617719 or 2625886 or 3744660 or 3968885 or 4029517 or 4091643 or 4245154 or 4341592 or 4355937 or 4367140 or 4406596 or 4422651 or 4474199 or 4522788 or 4549467 or 4592306 or 4601181 or 4626509 or 4670126 or 4682937 or 4693777 or 4749440 or 4778356 or 4788043 or 4789077 or 4823976 or 4825808 or 4827867 or 4838476 or 4865061 or 4879431 or 4917556 or 4924892 or 4951601 or 4960140 or 4983223 or 5011542 or 5044871 or 5062770 or 5071485 or 5105556 or 5143103 or 5167716 or 5169296 or 5169408 or 5185296 or 5186718 or 5188515 or 5190373 or 5191993).pn.				
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Note: Applicant is not required to submit a paper copy of cited US Patent Documents					
init	Cite.No.	Patent No.	Date	Patentee	Kind
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M	2	2625886	1953-01-20	Browne	
M	3	3744660	1973-07-10	Gaines et al.	
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M	27	4825808	1989-05-02	Takahashi et al.
M	28	4827867	1989-05-09	Takei et al.
M	29	4838476	1989-06-13	Rahn
M	30	4865061	1989-09-12	Fowler et al.
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M	32	4917556	1990-04-17	Stark et al
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L	37	5011542	1991-04-30	Weil
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Remarks

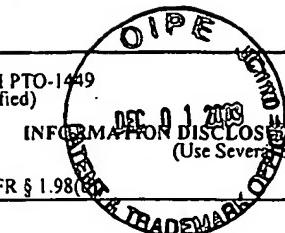
Note: Remarks are not for responding to an office action.

Non US Patent and Publication references shall be filed under a separate paper transmittal. The current electronic filing contains part 1 out of a total of 4 electronic filings.

Signature

Examiner Name	Date
<i>Re</i>	10-14-05

FORM PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: SSI-08100	Serial No.: 10/639,077
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)		Applicant: Joseph Hillman	
(37 CFR § 1.98)		Filing Date: August 11, 2003	Group Art Unit: 1762



FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
						Yes	No
X	AA	CN 1399790 A	02/26/03	China	H01L	21/00	X
X	AB	DE 36 08 783 A1	09/17/87	Germany	C30B	25/12	X
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X	AO	JP 2-209729	8/21/90	Japan	H01L	21/302	X
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Examiner: RamDate Considered: 10-14-05

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No.: SSI-08100	Serial No.: 10/639,077
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary) (37 CFR § 1.98(b))		Applicant: Joseph Hillman	
		Filing Date: August 11, 2003	Group Art Unit: 1762

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes No	
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X	BK	WO 01/78911 A1	10/25/01	PCT	B08B	3/00		X
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X	BX	Hansen, B.N. et al., "Supercritical Fluid Transport - Chemical Deposition of Films," Chem. Mater., Vol. 4, No. 4, pp. 749-752, 1992.
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X	CB	Tolley, W.K. et al., "Stripping Organics from Metal and Mineral Surfaces using Supercritical Fluids," Separation Science and Technology, Vol. 22, pp. 1087-1101, 1987.
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	CJ	
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Examiner: <u>Ra</u>	Date Considered: <u>10-14-05</u>
EXAMINER:	Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-144 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: SSI-08100		Serial No.: 10/639,077	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Use Additional Sheets If Necessary)</small>				Applicant: Joseph Hillman			
				Filing Date: August 11, 2003		Group Art Unit: 1762	
U.S. PATENT DOCUMENTS							
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FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
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	AM						
	AN						
	AO						
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)							
	AP						
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	AS						
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	AU						
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	AW						
	AX						
	AY						
	AZ						
Examiner:	<u>Ran</u>	Date Considered:	<u>10-14-05</u>				
EXAMINER:	Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

UNITED STATES PATENT AND TRADEMARK OFFICE
ACKNOWLEDGEMENT RECEIPT

JUN 25 2006
Electronic Version 1.1
StyleSheet Version v1.1.1

Title of Invention

ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON SURFACES

Submission Type: Information Disclosure Statement

Application Number: 10/639077

10/639077

EFS ID: 63070

Server Response:

Confirmation Code	Message
ISVRI	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application
ICON1	6943
USPTOEFSSNotice	For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: http://www.uspto.gov/ebc/

First Named Applicant: Joseph Hillman

Attorney Docket Number:

Timestamp: 2004-06-22 13:07:02 EDT

From: us

File Listing:

Doc. Name	File Name	Size (Bytes)

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6/22/2004

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Page 2 of 2

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cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

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6/22/2004



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON SURFACES													
Application Number:	10/639077													
Confirmation Number:	6943													
First Named Applicant:	Joseph Hillman													
Attorney Docket Number:														
Search string:	(5186594 or 5769588 or 5906866 or 5975492 or 6122566 or 6355072 or 6454519 or 20030205510 or 20040020518).pn.													
US Patent Documents														
Note: Applicant is not required to submit a paper copy of cited US Patent Documents														
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M	6	6355072	2002-03-12	Racette et al.	B1									
M	7	6454519	2002-09-24	Toshima et al.	B1									
US Published Applications														
Note: Applicant is not required to submit a paper copy of cited US Published Applications														
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M	1	20030205510	2003-11-06	Jackson	A1									
M	2	20040020518	2004-05-02	DeYoung et al.	A1									

Signature

Examiner Name	Date
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Raz

10-14-05



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ACKNOWLEDGEMENT RECEIPT**

Electronic Version 1.1
Stylesheet Version v1.1.1

Title of Invention	ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON SURFACES									
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12/15/2004

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Page 2 of 2

First Named Applicant:	Joseph Hillman																										
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12/15/2004

TRANSMITTAL		
Electronic Version v1.1 Stylesheet Version v1.1.0		
Title of Invention	ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON SURFACES	
Application Number:	10/639077 *10/639077*	
Date:	2003-08-11	
First Named Applicant:	Joseph Hillman	
Confirmation Number:	6943	
Attorney Docket Number:		
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>		
Submitted by:	Elec. Sign.	Sign. Capacity
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney

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Electronic Version v18
Stylesheet Version v18.0

Title of Invention	ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON SURFACES
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Application Number: 10/639077 *10/639077*

Confirmation Number: 6943

First Named Applicant: Joseph Killman

Attorney Docket Number:

Search string: (13623627 or 4426358 or 4574184 or 5374829 or 5474410 or 5879459 or 6048494 or 6062853 or 6089377 or 6406782 or 20010050096).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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1	3623627	1969-08-22		Alan S. Bolton			
2	4426358	1984-01-17		Johansson			
3	4574184	1986-03-04		Wolf et al.			
4	5374829	1994-12-20		Sakamoto et al.			
5	5474410	1995-12-12		Ozawa et al.			
6	5879459	1999-03-09		Gadgil et al.			
7	6048494	2000-04-11		Annapragada			
8	6062853	2000-05-16		Shimazu et al.			
9	6089377	2000-07-18		Shimazu			
10	6406782	2000-06-18	B2	Johnson et al.			

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

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1		20010050096	2001-12-13	Costantini et al.	A1		

Signature

Examiner Name	Date
Rao	10-14-05

12-15-04

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON SURFACES
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Application Number : 10/639077



Confirmation Number: 6943

First Named Applicant: Joseph Hillman

Attorney Docket Number:

Art Unit:

Examiner:

Search string: (3623627 or 4426358 or 4574184 or 5374829 or 5474410 or 5879459 or 6048494 or 6062853 or 6089377 or 6406782 or 20010050096).pn

US Patent Documents

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✓	6	5879459	1999-03-09	Gadgil et al.			
✓	7	6048494	2000-04-11	Annapragada			
✓	8	6062853	2000-05-16	Shimazu et al.			
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✓	10	6406782	2000-06-18	Johnson et al.	B2		

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

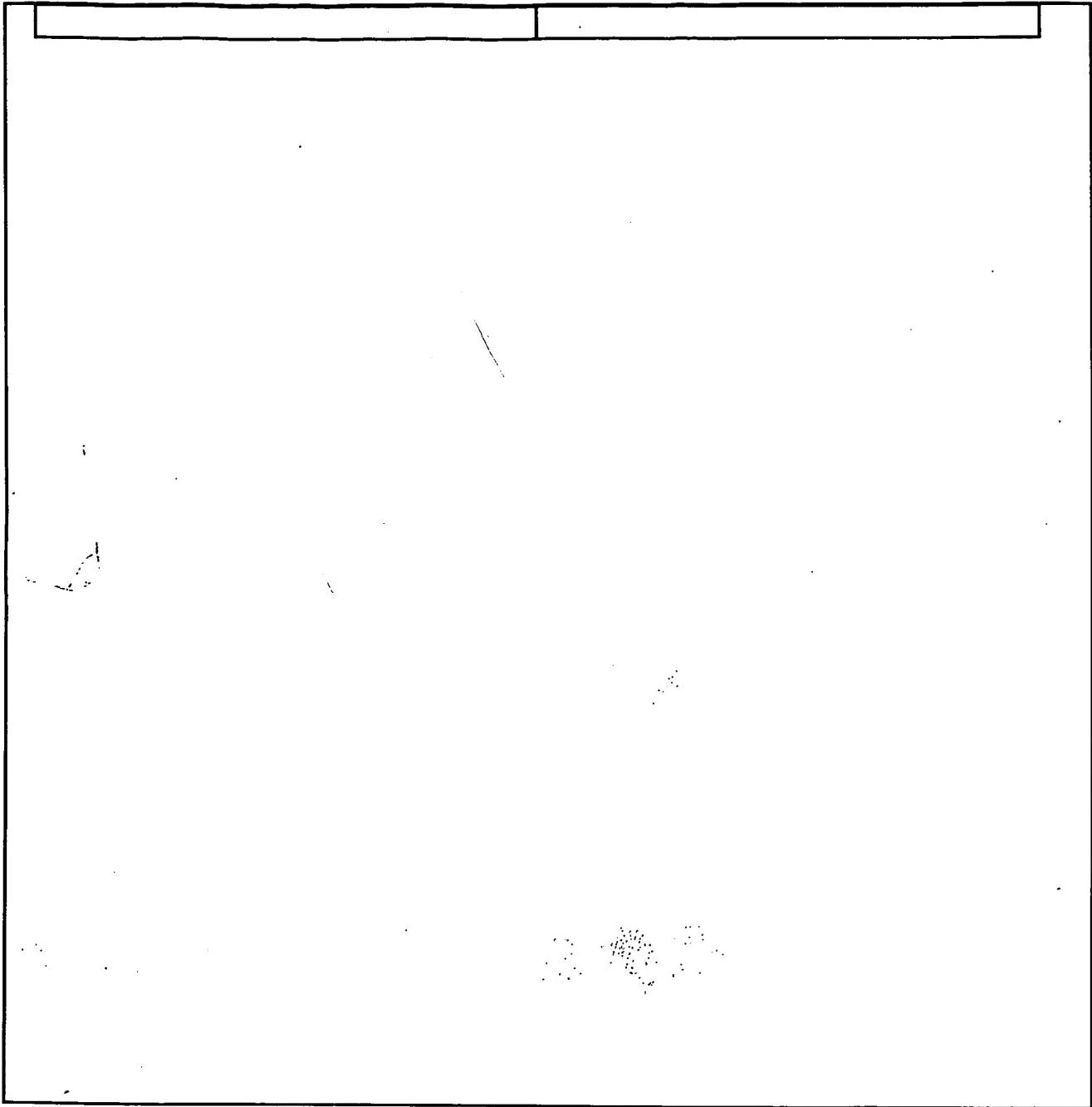
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Signature

Examiner Name

Date

10-14-05



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10/639077

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

8-17-05

Stylesheet Version v18.0

Title of Invention	ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON SURFACES
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Application Number : 10/639077



Confirmation Number: 6943

First Named Applicant: Joesph Hillman

Attorney Docket Number:

Art Unit:

Examiner:

Search string: (20030051741).pn

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

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Examiner Name	Date
Rae	10-14-05

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON SURFACES																																																																																																																																
																																																																																																																																	
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7-18-05

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Signature

Examiner Name	Date
R.	10-14-05

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON SURFACES
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Application Number : 10/639077



Confirmation Number: 6943

First Named Applicant: Joseph Hillman

Attorney Docket Number:

Art Unit:

Examiner:

Search string: (5494526 or 6333268).pn

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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R	2	6333268	2001-12-25	Starov et al.	B1		

Signature

Examiner Name	Date
R	10-14-05

5-12-05

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON SURFACES	
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Application Number : 10/639077



Confirmation Number: 6943

First Named Applicant: Joesph Hillman

Attorney Docket Number:

Art Unit:

Examiner:

Search string: (20030036023 or 20040134515).pn

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
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Signature

Examiner Name	Date
Ran	16-14-05

ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

Title of Invention	ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON SURFACES																																		
Submission Type :	Information Disclosure Statement																																		
Application Number:	10/639077																																		
EFS ID:	81861																																		
Server Response:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Confirmation Code</th> <th style="width: 75%;">Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>6943</td> </tr> <tr> <td>USPTOEFSNote</td> <td>For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number: 1(866) 217-9197 Website: http://www.uspto.gov/ebc/</td> </tr> </tbody> </table>			Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	6943	USPTOEFSNote	For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number: 1(866) 217-9197 Website: http://www.uspto.gov/ebc/																								
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First Named Applicant:	Joseph Hillman																																		
Attorney Docket Number:																																			
Timestamp:	2005-04-08 17:00:10 EDT																																		
From:	US																																		
File Listing:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Doc. Name</th> <th style="width: 33%;">File Name</th> <th style="width: 14%;">Size (Bytes)</th> <th style="width: 10%;">Date Produced (yyymmdd)</th> </tr> </thead> <tbody> <tr> <td>us-lds</td> <td>SSI_08100-usidst.xml</td> <td>1513</td> <td>2005-04-08</td> </tr> <tr> <td>us-lds</td> <td>us-lds.dtd</td> <td>7763</td> <td>2005-04-08</td> </tr> <tr> <td>us-lds</td> <td>us-lds.xsl</td> <td>12026</td> <td>2005-04-08</td> </tr> <tr> <td>package-data</td> <td>SSI_08100-pkda.xml</td> <td>1679</td> <td>2005-04-08</td> </tr> <tr> <td>package-data</td> <td>package-data.dtd</td> <td>27025</td> <td>2005-04-08</td> </tr> <tr> <td>package-data</td> <td>us-package-data.xsl</td> <td>19263</td> <td>2005-04-08</td> </tr> <tr> <td colspan="3" style="text-align: right;">Total files size</td> <td>69269</td> </tr> </tbody> </table>			Doc. Name	File Name	Size (Bytes)	Date Produced (yyymmdd)	us-lds	SSI_08100-usidst.xml	1513	2005-04-08	us-lds	us-lds.dtd	7763	2005-04-08	us-lds	us-lds.xsl	12026	2005-04-08	package-data	SSI_08100-pkda.xml	1679	2005-04-08	package-data	package-data.dtd	27025	2005-04-08	package-data	us-package-data.xsl	19263	2005-04-08	Total files size			69269
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Digital Certificate Holder Name:	cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US																																		

4-8-05

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	ALIGNMENT MEANS FOR CHAMBER CLOSURE TO REDUCE WEAR ON SURFACES
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Application Number : 10/639077



Confirmation Number: 6943

First Named Applicant: Joseph Hillman

Attorney Docket Number:

Art Unit:

Examiner:

Search string: (4391511 or 6722642).pn

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
✓	1	4391511	1983-07-05	Akiyama et al.			
✓	2	6722642	2004-04-20	Sutton et al.	B1		

Signature

Examiner Name	Date
Ras	16-14-05

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Application Number : 10/639077



Confirmation Number: 6943

First Named Applicant: Joseph Hillman

Attorney Docket Number:

Art Unit:

Examiner:

Search string: (3689025 or 5679169 or 6021791 or 6109296 or 6465403 or 6509141 or 6635565 or 6641678).pn

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
✓	1	3689025	1972-09-05	Kiser			
✓	2	5679169	1997-10-21	Gonzales et al.			
✓	3	6021791	2000-02-08	Dryer et al.			
✓	4	6109296	2000-08-29	Austin			
✓	5	6465403	2002-10-15	Skee	B1		
✓	6	6509141	2003-01-21	Mullee	B2		
✓	7	6635565	2003-10-21	Wu et al.	B2		
✓	8	6641678	2003-11-04	DeYoung et al.	B2		

Signature

Examiner Name	Date
Ran	10-14-05

FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: SSI-08100		Serial No.: 10/639,077	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary) (37 CFR § 1.98(b))				Applicant: Joseph Hillman			
				Filing Date: August 11, 2003		Group Art Unit: 1762	
U.S. PATENT DOCUMENTS							
Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation
<i>DR</i>	AK	JP 8-206485	08/13/96	JP	B01J	3/06	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No X
	AL						
	AM						
	AN						
	AO						
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)							
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
	AW						
	AX						
	AY						
	AZ						
Examiner:	<i>Rian</i>	Date Considered:	<i>10-14-05</i>				
EXAMINER:	Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

FORM PTO-1449
(Modified)

JAN 10 2005

U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No.: COOL-08100

Serial No.: 10/639,077

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Use Several Sheets If Necessary)

Applicant: Joseph Hillman

Filing Date: August 11, 2003

Group Art Unit: 1762

U.S. PATENT DOCUMENTS							
Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
✓	AK	JP 40 5283511 A	10/29/93	JP	H01L	21/68	X	
✓	AL	JP 2001-77074	03/23/01	JP	H01L	21/304	X	
	AM							
	AN							
	AO							

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

AP	
AQ	
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AZ	

Examiner:

Ram

Date Considered:

10-14-05

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.